

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Das et al.

**Application No.** To be assigned

**Filed:** Concurrently herewith

**Confirmation No.** To be assigned

**For:** SOURCE CODE ANNOTATION  
LANGUAGE

**Examiner:** To be assigned

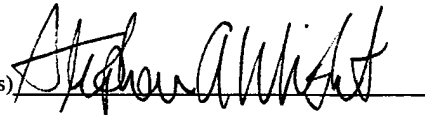
**Art Unit:** To be assigned

**Attorney Reference No.** 3382-65960

**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with EXPRESS MAIL LABEL NO. EV351283352US in an envelope addressed to: MAIL STOP PATENT APPLICATION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)



Date Mailed October 2, 2003

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**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.97(b)**

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

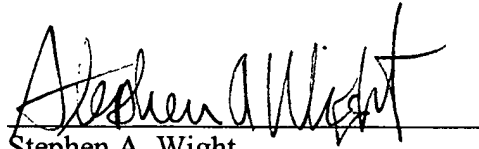
Applicants filed this Information Disclosure Statement ("IDS") within three months of the filing date of a national application. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in Rule 56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By

A handwritten signature in black ink, appearing to read "Stephen A. Wight", is written over a horizontal line.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Attorney Docket Number</b>	3382-65960
		<b>Application Number</b>	To be assigned
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		<b>First Named Inventor</b>	Das et al.
		<b>Art Unit</b>	To be assigned
		<b>Examiner Name</b>	To be assigned
<b>Examiner's Initials*</b>	<b>Cite No. (optional)</b>	<b>OTHER DOCUMENTS</b>	
		"Statistically Detecting Likely Buffer Overflow Vulnerabilities," <i>2001 USENIX Security Symposium, Washington D.C.</i> , 5 pp. (August 2001).	
		Evans, "Static Detection of Dynamic Memory Errors," <i>SIGPLAN Conf. on Programming Language &amp; Design Implementation</i> , Philadelphia, 10 pp. (May 1996).	
		Edwards, "Black-Box Testing Using Flowgraphs: An Experimental Assessment of Effectiveness and Automation Potential," <i>Software Testing, Verification and Reliability</i> , Vol. 10, No. 4, pp. 249-262 (December 2000).	
		Horning, "The Larch Shared Language: Some Open Problems," <i>Compass/ADT Workshop, Oslo, Norway</i> , 16 pp. (September 1995).	
		Wahls et al., "The Direct Execution of SPECS-C++: A Model-Based Specification Language for C++ Classes," <i>Technical Report TR94-02b, Iowa State University Department of Computer Science</i> , 52 pp. (November 18, 1994).	
		"Scalable Program Analysis," <i>Internet</i> , <a href="http://research.microsoft.com/spa/">http://research.microsoft.com/spa/</a> , 3 pp. (downloaded on September 5, 2003).	
		Khurshid, et al., "An Analyzable Annotation Language," <i>OOPSLA '02</i> , Seattle, Washington, 15 pp. (November 2002).	
		Leavens et al., "Preliminary Design of JML," <i>Technical Report 98-06v, Iowa State University Department of Computer Science</i> , 94 pp. (June 1998-2003; revised May 2003).	
		Leino, "Checking correctness properties of object-oriented programs," <i>Internet</i> , <a href="http://research.microsoft.com/leino/papers/1">http://research.microsoft.com/leino/papers/1</a> , 49 pp. (August 19, 2002).	
		Kramer, "Examples of Design by Contract in Java Using Contract, the Design by Contract™ Tool for Java™," <i>Object World Berlin '99, Design &amp; Components</i> , 26 pp. (May 17-20, 1999).	
		Dor, et al., "CSSV: Towards a Realistic Tool for Statically Detecting All Buffer Overflows in C," <i>PLDI '03, San Diego, California</i> , pp. 155-67 (June 9-11, 2003).	
		Foster et al., "A Theory of Type Qualifiers," <i>Proc. ACM SIGPLAN '99 Conf. on Programming Language and Design Implementation (PLDI)</i> , Atlanta, Georgia, 12 pp. (May 1999).	
		Guyer et al., "An Annotation Language for Optimizing Software Libraries," <i>Proc. Second Conf. on Domain Specific Languages</i> , Austin, Texas, 14 pp. (October 1999).	
		Dor et al., "Cleanness Checking of String Manipulations in C Programs via Integer Analysis," <i>Proc. 8<sup>th</sup> Int'l Static Analysis Symposium</i> , 19 pp. (June 2001).	

<b>EXAMINER SIGNATURE:</b>	<b>DATE CONSIDERED:</b>
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\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>Examiner's Initials*</b>	<b>Cite No. (optional)</b>	<b>OTHER DOCUMENTS</b>	
		Leavens et al., "Enhancing the Pre- and Postcondition Technique for More Expressive Specifications," <i>Proc. World Congress on Formal Methods in the Development of Computing Systems</i> , Toulouse, France, 21 pp. (September 1999).	
		Evans et al., "LCLint: A Tool for Using Specifications to Check Code," <i>SIGSOFT Symposium on the Foundations of Software Engineering</i> , 10 pp. (December 1994).	
		Evans et al., "Splint Manual, Version 3.1.1-1," <i>Secure Programming Group, University of Virginia Department of Computer Science</i> , 121 pp. (June 5, 2003).	
		Evans et al., "Improving Security Using Extensible Lightweight Static Analysis," <i>IEEE Software</i> , pp. 42-51 (January/February 2002).	
		Evans, "Using Specifications to Check Source Code," <i>TR-628, MIT Lab for Computer Science</i> , 97 pp. (June 1994).	
		Bush et al, "A static analyzer for finding dynamic programming errors," <i>Software: Practice and Experience</i> , pp. 775-802 (2000).	

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